

Converting Colors

Hex(B6D9E2)

Have a look what the booklet for
Hex(B6D9E2) contains.

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Color

Hex(B6D9E2)

Conversions

Conversions Part 1

Format	Color
Hex	B6D9E2
RGB	182, 217, 226
RGB Percent	71%, 85%, 89%
CMY	0.2863, 0.1490, 0.1137
CMYK	0.19, 0.04, 0.00, 0.11
HSL	192°, 43%, 80%
HSV	192°, 19%, 89%
XYZ	57.8317, 65.0618, 81.4616
YIQ	207.5610, -23.7490, -4.6210

Conversions

Conversions Part 2

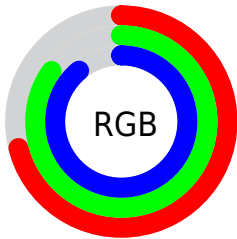
Format	Color
RYB	182, 201, 226
Decimal	11983330
CIELab	84.52, -9.57, -8.26
CIELCh	85, 12.641, 220.802
Yxy	65.0618, 0.2830, 0.3184
Android (android.graphics.Color)	4290173410 (0xFFB6D9E2)
YUV	207.5610, 9.0904, -22.4170
Hunter-Lab	80.6609, -13.1768, -3.4160

Details

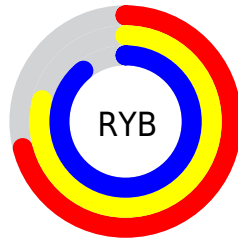
The Hex color **B6D9E2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2BFB6**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **EEEEFF**, and **80A2AB** is the 20% darker color. If you saturate the color by 10%, you get **9FD4E2**, and if you desaturate by 10%, it is **CDDEE2**.

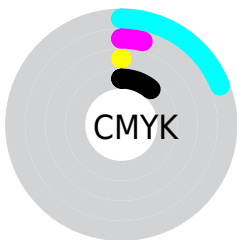
Distribution



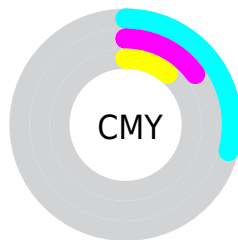
- Red (71%)
- Green (85%)
- Blue (89%)



- Red (71%)
- Yellow (79%)
- Blue (89%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6D9E2 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B6D9E2 by changing the saturation by 10% instead.

 B6D9E2

 B6D9E2

FFFFFF

 9BBDC6

 EEEFFF

 80A2AB

 678890

 4E6F77

 36565E

 1E3F46

 052930

 00151B

 000000

 B6D9E2

 B6D9E2

 9FD4E2

 CDDEE2

 89D0E2

 E3E2E2

 72CBE2

 FAE7E2

 5CC7E2

 FFEBE2

 45C2E2

 FFF0E2

 2EBDE2

 FFF5E2

 18B9E2

 FFF9E2

 01B4E2

 FFFEE2

 00B4E2

 FFFF2

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B6DAD7



B6D9E2



BED6E9

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B6D9E2



E6CCDB



D8D3BC

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B6D9E2



E2BFB6

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E4D0BD



B6D9E2



ECCBCF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B6D9E2



DBCFE5



EBCCC4



CAD7C1

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B6D9E2



C7D4EA



EBCCC4



DDD2BB

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B6D9E2



F0FCFF



B6E2BF



777E80



000000



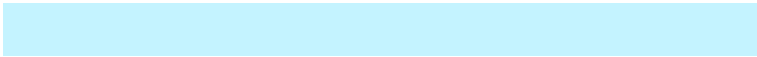
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B6D9E2



C4F3FF



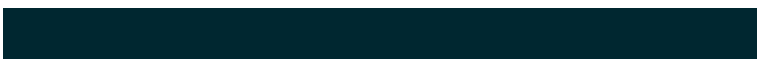
B6C3E2



656E70



008CB0



002730

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E2B6D9



FFC4F3



E2D5B6



70656E



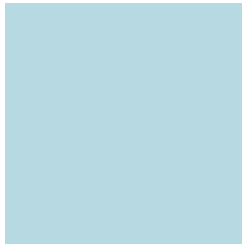
B0008C



300027

Previews

White Background



This preview shows how the Hex color B6D9E2 looks on a white background.

Color Contrast Check

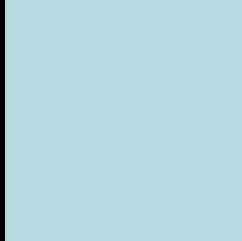
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B6D9E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

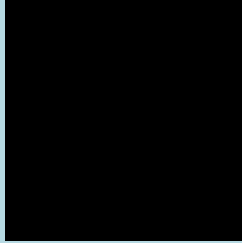
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

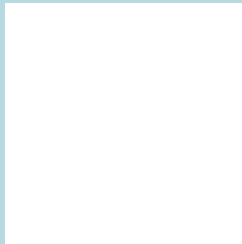
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B6D9E2 Background



This preview shows how black text looks on a background with the Hex color B6D9E2.

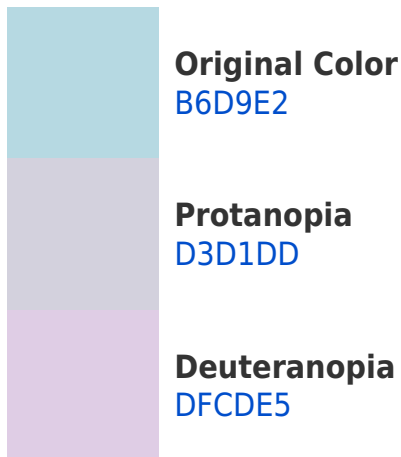


This preview shows how white text looks on a background with the Hex color B6D9E2.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

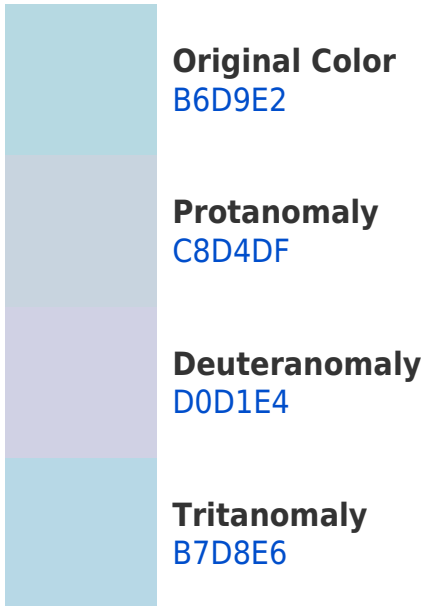
Dichromacy



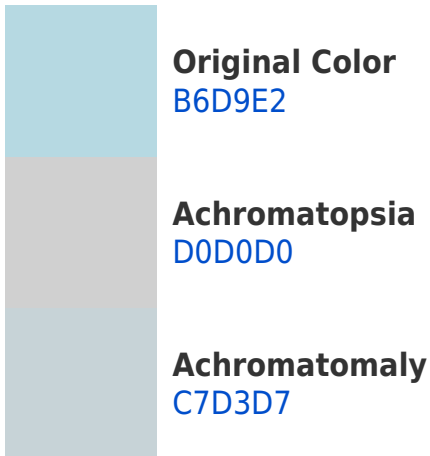


Tritanopia
B7D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6D9E2 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B6D9E2 looks like.

```
.text, #text, p{  
    color:#B6D9E2  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B6D9E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6D9E2  
}
```

Border

The CSS property to change the border of an element to Hex B6D9E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B6D9E2 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B6D9E2 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #B6D9E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6D9E2; -webkit-box-shadow:4px 4px  
4px 4px #B6D9E2; box-shadow:4px 4px 4px  
4px #B6D9E2 }
```

Background

The CSS property to change the background color of an element to Hex B6D9E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6D9E2 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B6D9E2 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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